

## RAI-150

Multi position camera in the venue AI Speech



### PRODUCT OVERVIEW

The **Resoundify RAI-150** system features a 4K UHD image sensor with a 1/2.8-inch CMOS and 8.46 million pixels, delivering exceptional image clarity and detail. It is equipped with a wide-angle lens offering 12x optical zoom and a horizontal viewing angle of up to 72.5° for versatile coverage. The AI Real-Time Subtitles function, when expanded and connected to AI Speech microphones and combined with the AI Speech Ltd public cloud service, provides real-time subtitle overlays during cloud conference scenarios, enhancing meeting efficiency. The AI Voice Linkage feature, when paired with the high-end ceiling microphone system of AI Speech, enables precise audiovisual linkage to accurately capture close-up images of the active speaker. The built-in AI Person Centering algorithm automatically centers the subject when the image is offset, ensuring a consistent and professional frame.

### KEY FEATURES

- Multiple Access and Control Options:** The camera can be accessed and controlled through various methods for flexible operation and configuration.
- Client Software (CameraCMS):** Set tracking parameters, search for cameras, control camera movement, and change network parameters via the CameraCMS software.
- VLC Access:** View the two-channel video stream of the camera directly using VLC media player.
- IE Access:** Access the main video stream, control camera functions, and modify network parameters through the Internet Explorer interface.
- Onvif Support:** Compatible with Onvif version 2.1 for integration with third-party systems.

### APPLICATIONS

- Boardrooms
- Classrooms
- Auditorium

# RESOUNDIFY

## TECHNICAL SPECIFICATIONS

### System Specifications

imaging sensor	1/2.8 inch CMOS, 8.46Million pixels
focal distance	f=3.9mm-46.8mm
iris diaphragm	F1.6-F2.8
Optical zoom	12times
Digital zoom	16times
angle of field	Horizontal 72.5°-6.3°
lens system	Automatic, manual, one-click trigger, and PTZ trigger
shutter speed	1/60-1/10,000second
gain	Automatic, Manual
white balance	Automatic, Manual, One-button trigger, Automatic tracking, One-key white balance, Static color temperature
exposure control	Automatic, Manual, Shutter priority, Aperture priority, Brightness priority
Wide Dynamic	Available
noise-signal ratio	≥50dB
Anti-flashing	Support
menu	English

### Interface

DMI	1road,HDMI1.4 Video resolution 4KP30/P25, 1080P60/P50/P30/P25, 720P60/P50/P30/P25
3G-SDI	1road,3G-SDI Video resolution 1080P60/P50/P30/P25 , 720P60/P50/P30/P25
USB 3.0	1*USB3.0 Type-B USB3.0 output format: UVC supports UVC1.1 protocol The UVC video format supports YUY2、NV12; Video resolution 1080P30/P25, 720P30/P25 H.264/H.265/ MJPEG; Video resolution support 4KP30/P25, 1080P60/P50/P30/P25 , 720P60/P50/P30/P25 UAC audio format PCM
USB 2.0	1*USB2.0 Type-A HOST 1*10/100M RJ-45 POE Video resolution 4KP30/P25, 1080P60/P50/P30/P25, 720P60/P50/P30/P25, 360P30/P25
network	Video format support H.264、H.265; Audio compression, AAC Network protocol ONVIF, RTSP, TCP, UDP, and RTMP Multi-code flow all the way close-up, all the way panorama, all the way switch

# RESOUNDIFY

## TECHNICAL SPECIFICATIONS

### Interface

Audio interface	1*LINE IN,3.5mm audio interface,1road,REF,3.5The mm audio interface
control interface	1*RS-485 / 1*RS-232 IN
Power interface	DC12V
mains switch	Ship type switch
Wireless control	Infrared remote control

### PTZ parameters

horizontal extent	-130°~+130°
Vertical range	-30°~+90°
Horizontal rotation speed	0.2°~90°/ second
Vertical rotation speed	0.2°~60°/ second
Maximum number of preset points	256

### General specification

control protocol	VISCA
power dissipation	< 20W
environment	working temperature0 ~ 40°C, working humidity10%RH ~ 90 %RH
Storage environment	Storage Temperature-20°C ~ +60°C, storage humidity10%RH ~ 95 %RH
Size (length, width and height)	245*145*165mm
weight	≈2kg
color	Elegant gray